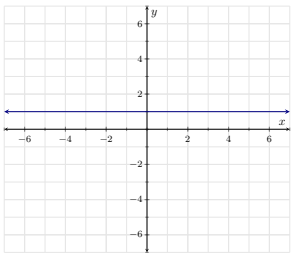
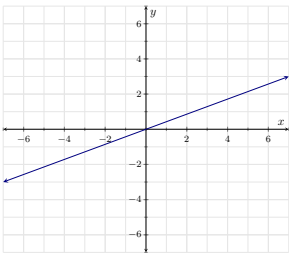
Exercise 1 *Look at the following graphs of functions. Assume that all the important behavior of the functions is shown on the graphs below.*

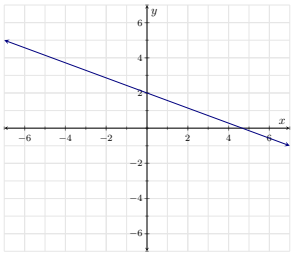
Graph A



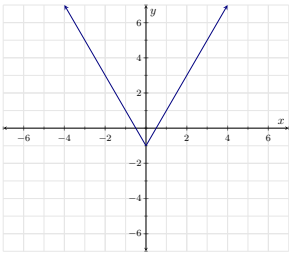
Graph B



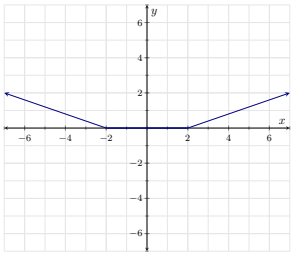
Graph C



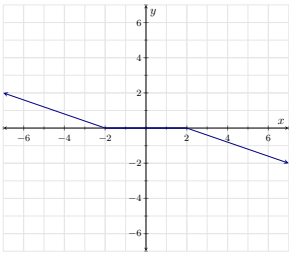
Graph D



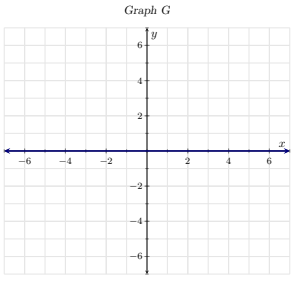
Graph E



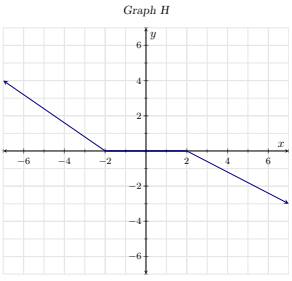
Graph F



Graph G



Graph H



(a) *The function corresponding to Graph A is*

Multiple Choice:

(i) *neither even nor odd.*
(ii) *even, but not odd.* ✓
(iii) *odd, but not even.*
(iv) *both even and odd.*

(b) *The function corresponding to Graph B is*

Multiple Choice:

(i) *neither even nor odd.*
(ii) *even, but not odd.*
(iii) *odd, but not even.* ✓
(iv) *both even and odd.*

(c) *The function corresponding to Graph C is*

Multiple Choice:

(i) *neither even nor odd.* ✓
(ii) *even, but not odd.*
(iii) *odd, but not even.*
(iv) *both even and odd.*

(d) *The function corresponding to Graph D is*

Multiple Choice:

(i) *neither even nor odd.*
(ii) *even, but not odd.* ✓
(iii) *odd, but not even.*
(iv) *both even and odd.*

(e) *The function corresponding to Graph E is*

Multiple Choice:

(i) *neither even nor odd.*
(ii) *even, but not odd.* ✓
(iii) *odd, but not even.*
(iv) *both even and odd.*

(f) *The function corresponding to Graph F is*

Multiple Choice:

(i) *neither even nor odd.*
(ii) *even, but not odd.*
(iii) *odd, but not even.* ✓
(iv) *both even and odd.*

(g) *The function corresponding to Graph G is*

Multiple Choice:

(i) *neither even nor odd.*
(ii) *even, but not odd.*
(iii) *odd, but not even.*
(iv) *both even and odd.* ✓

(h) *The function corresponding to Graph H is*

Multiple Choice:

(i) *neither even nor odd.* ✓
(ii) *even, but not odd.*
(iii) *odd, but not even.*
(iv) *both even and odd.*